

Solution: Ziva* Dynamics*

RESULT

INTEL®
AI BUILDERS
MEMBER

“The multi-core Intel® Xeon® Scalable 8164 processor allows for over 20 parallel simulations, freeing capacity while increasing overall simulation speed [to] rapidly create better, faster characters.”



Client: Ziva* Dynamics*, founded by Academy Award winner and VFX pioneer James Jacobs, is changing the way computer-generated (CG) characters are made, applied, and empowered.

Challenge: Small film and game studios don't have the budget to create CG characters based on physics, anatomy and kinesiology, which makes this technology unaffordable to a wider creative audience.

Solution: Ziva leverages standard models to create data sets of movement and mass that studios can adapt without starting from scratch. By mirroring the elements of locomotion, Ziva's ML technology enables studios, brands, and people to replicate the real world in films, games, and VR. For example, skin, muscle, fat can all be modified from base models to change a four-legged base cat model into an elephant.

Marketing Assets: <https://www.intel.ai/ziva-dynamics/> <https://zivadynamics.com/sundance2018>

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